

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of

Applicant: Afzal, et al

Docket Number: 101950.00136

Serial No.: Not Yet Assigned

Art Unit: Unknown

Filed: Filed Herewith

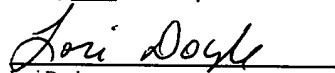
Examiner: Unknown

For: **PROGRAMMABLE POWER CONVERTER**

INFORMATION DISCLOSURE STATEMENT

MAIL STOP PATENT APPLICATION  
Commissioner for Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450

MAILING CERTIFICATE UNDER 37 C.F.R. §1.8(A)  
I hereby certify that the above correspondence is being deposited with  
the U.S. Postal Service as Express Mailing an Express Mail envelope  
addressed to: MAIL STOP PATENT APPLICATION, Commissioner  
for Patents, P.O. Box 1450, Alexandria, VA 22313-1450  
on July 13, 2003. Express Mail No. EL 937401770 US


  
Lori Doyle

Dear Sir:

Applicant wishes to bring to the attention of the Patent and Trademark Office the information noted on the enclosed PTO-1449. Copies of the noted referenced are enclosed herewith.

Respectfully submitted,

Bobby D. Slaton  
Jackson Walker, LLP  
2435 North Central Expressway, Suite 600  
Richardson, TX 75080  
(972) 744-2928

  
Bobby D. Slaton  
Reg. No. 43,130  
Attorney for Applicant

Please type a plus sign (+) inside this box



Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)			<b>Complete If Known</b>		
			Application Number	Not Yet Assigned	
			Filing Date	Filed Herewith	
			First Named Inventor	Afzal et al.	
			Group Art Unit	Unknown	
			Examiner Name	****	
Sheet	1	of	2	Attorney Docket No.	101950.00136

**U.S. PATENT DOCUMENTS**

Exam. Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee of Applicant of Cited Doc.	Date of Pub. Of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	AA	1,741,265		Wappler	12-31-1929	
	AB	2,427,111		Tolmie	09-09-1947	
	AC	2,792,559		Maberry	05-14-1957	
	AD	3,201,617		Pacaroni, et al	08-17-1965	
	AE	3,256,466		Trolio, et al	06-14-1966	
	AF	3,281,747		Winsand	10-25-1966	
	AG	3,452,215		Alessio	06-24-1969	
	AH	3,484,864		Bernstein, et al	12-16-1969	
	AI	3,581,480		O'Conner, et al	06-01-1971	
	AJ	3,784,956		Gassman	01-08-1974	
	AK	3,870,946		Sandorf	03-11-1975	
	AL	3,996,546		Hugly	12-07-1976	
	AM	4,164,665		Berger	08-14-1979	
	AN	4,089,041		Lockard	05-09-1978	
	AO	4,239,319		Gladd, et al	12-16-1980	
	AP	4,258,969		Stallard	03-31-1981	
	AQ	4,713,642		Wolfe, et al	12-15-1987	
	AR	5,040,990		Suman, et al	08-20-1991	
	AS	5,044,964		Minerd, et al	09-03-1991	
	AT	5,092,788		Pristupa, Jr. et al	03-03-1992	
	AU	5,181,859		Foreman, et al	01-26-1993	
	AV	5,290,191		Foreman, et al	03-01-1994	
	AW	5,369,352		Toefer, et al	11-29-1994	
	AX	5,412,248		Murari, et al	05-02-1995	
	AY	5,428,288		Foreman, et al	06-27-1995	
	AZ	5,455,734		Foreman, et al	10-03-1995	

**FOREIGN PATENT DOCUMENTS**

Exam. Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
	BA							
	BB							
	BC							
	BD							

**OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS**

Exam. Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	CA		
	CH		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**US and Foreign Patent Documents:** <sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**Other Prior Art/Non-Patent Literature Documents:** <sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English Translation is attached.

this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

Please type a plus sign (+) inside this box



PTO/SB/08A (08-00)  
Approved for use through 10/31/2001 OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for Form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete If Known</b>	
				Application Number	Not Yet Assigned
				Filing Date	Filed Herewith
				First Named Inventor	Afzal, et al
				Group Art Unit	Unknown
Examiner Name				****	
Sheet	2	of	2	Attorney Docket No.	101950.00136

U.S. PATENT DOCUMENTS						
Exam. Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee of Applicant of Cited Doc.	Date of Pub. Of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
	A	D391,227		Dickey	02/24/1998	
	B	4,622,627		Rodriguez, et al	11/11/1986	
	C	4,885,674		Varga, et al	12/05/1989	
	D	4,890,214		Yamamoto	12/26/1989	
	E	5,019,954		Bourgeault, et al	05/28/1991	
	F	5,770,895		Kumasaka	06/23/1998	
	G	5,886,422		Mills	03/23/1999	
	H	5,347,211		Jakubowski	09/13/1994	
	I	5,479,331		Lenni	12/26/1995	
	J	5,636,110		Lanni	06/03/1997	
	K	5,838,554		Lanni	11/17/1998	
	L	5,949,213		Lanni	09/07/1999	
	M	6,091,611		Lanni	07/18/2000	
	N	6,172,884		Lanni	01/09/2001	
	O	3,275,855		Wright	09/27/1966	
	P	6,064,177		Dixon	05/16/2000	

FOREIGN PATENT DOCUMENTS								
Exam. Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Doc.	Date of Pub. of Cited Doc. (mm-dd-yyyy)	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)				
	BA							
	BB							
	BC							
	BD							
	BE							
	BF							
	BG							
	BH							

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS				
Exam. Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	CA	Press Release of EMPIRE ENGINEERING, Electronic Design and Management, July 5, 1995 - San Luis Obispo, CA USA, pp1-2.		
	CB	Description of the "Smart Adapter System" NESCO BATTERY SYSTEMS, 1995; pp. 1-2		
	CC	Macworld, "On the Road", Vol 12, No 7 July 1995, pp 141-142, 5/9/1 (Item 1 from file: 15) DIALOG(R) File 15: ABI/INFORM(R)		
	CD	EMPIRE ENGINEERING San Luis Obispo, CA; SmartCord Assembly and Schematic Drawing; 02/09/1996 pp 1-3		
	CE	EMPIRE ENGINEERING, "Universal DC Adapter for Portable Computer Power" Electronic Design and Management, January/1995		
	CF	Press Release "New PowerXtenderoe Adapter Lets Portable Computer Users Plug into Computing Power on Airplanes and in Cars" Irvine, CA April 30, 1997, 2 pages		
	CG	BenchMarq; Fast-Charge IC, bq2002C, Sept. 1997; pp.1-9 thru 1-16.		
	CH	Electronic Products, "Smart External Adapter Meets Many Portable Power Needs" May 1995, 1 page		
	CI	Minwa Product Information, MW182, 1993, 1 page		
	CJ	Smart Adapter Power Converter Schematic, Empire Engineering, February 27, 1995		
	CK	Smart Adapter Power Converter Schematic, Empire Engineering, April 27, 1997		
	CL	Specification Change Notice, General Dynamics, 26 October 1979		

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

**US and Foreign Patent Documents:** <sup>1</sup>Unique citation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

**Other Prior Art/Non-Patent Literature Documents:** <sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

2687544.1